

ABSTRACT

An optical pickup device for irradiating a disk type data recording medium with a laser beam emitted from a light source, comprises: an object lens comprising a transparent piezoelectric element that deforms when a voltage is applied, and condensing the laser beam emitted from the light source to apply it onto the data recording layer; and a control circuit for controlling the position of focus of the laser beam by applying a voltage to the object lens to deform the object lens. In the optical pickup device so constructed, focusing and tracking adjustment can be electrically carried out, and a mechanism for driving the object lens in the focusing direction and a mechanism for driving the optical pickup in the tracking direction are dispensed with. Therefore, the time required for focusing and tracking is reduced, and the weight of the device is reduced, resulting in speedup and energy saving.

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